## Exhibit E

## **Backblaze Hard Drive Failure Rates**

Ordered by Drive Size (2013 through Q3 2015)

			i i	ougn Q5 2 		riods: 201	2.2015		
		2013 Failure	2014 Failure	2015 Failure	Failure	Low	High	Max # in	Avg Age
Model Name/Number	Size	Rate	Rate	Rate	Rate	Rate	Rate	Service	(Months)
Western Digital Caviar Green	Jize	Nate	nate	Nate	Nate	Nate	Nate	Jervice	(IVIOITATIS)
(WD10EACS)	1TB	0.00%	5.21%	0.00%	2.48%	1.40%	8.10%	84	70.5
Western Digital Caviar Green							- 4004		
(WD10EADS)	1TB	4.29%	3.90%	9.91%	5.44%	4.10%	7.10%	474	70.0
All 1TB Drives		4.29%	4.09%	8.66%	5.02%				
Seagate Barracuda Green									
ST1500DL003	1.5TB	129.88%	66.01%	222.77%	106.52%	85.70%	130.90%	51	26.7
Seagate Barracuda 7200.11	1.5TB	23.29%	23.53%	26.69%	23.87%	20.80%	27.30%	539	67.9
(ST31500341AS)	1.516	25.25%	25.55%	20.03%	25.0770	20.60%	27.30%	223	07.9
Seagate Barracuda LP	1.5TB	10.52%	9.52%	12.07%	10.43%	9.40%	11.50%	1,929	65.0
(ST31500541AS)									
All 1.5TB Drives		16.57%	13.11%	15.10%	14.71%				
HGST(*) Deskstar 7K2000	2TB	1.03%	1.07%	2.81%	1.61%	1.40%	1.90%	4,716	55.5
(HDS722020ALA330)								7	
Seagate Barracuda LP	2TB	7.90%	13.43%		10.28%	6.90%	14.20%	288	0.0
(ST32000542AS) Western Digital Red									
(WD20EFRX)	2TB		0.00%	6.85%	6.85%	2.40%	17.50%	126	6.1
All 2TB	Drives	1.45%	1.42%	2.87%	1.88%				
HGST(*) Deskstar 5K3000	1.43/0	1.42/0	2.0770	1.00%					
(HDS5C3030ALA630)	ЗТВ	0.99%	0.59%	1.31%	0.92%	0.70%	1.10%	4,595	40.5
HGST(*) Deskstar 7K3000									
(HDS723030ALA640)	ЗТВ	1.01%	2.27%	2.12%	1.91%	1.40%	2.60%	1,027	45.7
Seagate Barracuda 7200.14	270	10.25%	42.000/	20.040/	20.450/	25 000/	20.600/	4 2 4 7	24.5
(ST3000DM001)	ЗТВ	10.35%	43.08%	30.94%	28.46%	26.90%	29.60%	4,247	34.5
Seagate Barracuda XT	зтв	6.91%	4.80%	3.55%	5.11%	3.50%	7.30%	293	42.8
(ST33000651AS)	310	0.5170	4.00%	3.3370	3.1170	3.3070	7.50%	233	42.0
Toshiba DT01ACA Series	ЗТВ	6.93%	3.68%	2.80%	4.20%	1.40%	9.80%	58	29.1
(TOSHIBA DTO1ACA300)									
Western Digital Red 3 TB (WDC WD30EFRX)	ЗТВ	3.79%	6.94%	8.79%	7.65%	6.40%	9.30%	1,085	16.3
Western Digital Green 3 TB									
(WDC WD30EZRX)	ЗТВ	6.32%	0.00%		6.32%	4.10%	9.80%	388	0.0
All 3TB Drives		5.22%	15.06%	4.33%	9.43%				
HGST(*) Deskstar 5K4000			2010070						
(HDS5C4040ALE630)	4TB	1.65%	0.91%	0.86%	1.07%	0.80%	1.40%	2,643	29.9
HGST Megascale 4000	Ī								
(HMS5C4040ALE640)	4TB	3.85%	1.41%	0.70%	0.93%	0.70%	1.20%	7,092	14.0
HGST Megascale 4000.B	4TB		0.52%	0.47%	0.50%	0.30%	0.80%	3,103	16.9
(HMS5C4040BLE640)	410		0.5270	0.4776	0.50%	0.30%	0.80%	3,103	10.9
Seagate Desktop HDD.15	4TB	4.17%	2.58%	3.31%	3.06%	2.80%	3.30%	20,921	13.1
(ST4000DM000)									
Seagate Barracuda XT	4TB	1.12%	1.12%	3.73%	1.99%	0.70%	3.60%	214	23.8
(ST4000DX000) Toshiba MD04ABA-V Series									
(MD04ABA400V)	4TB			4.80%	4.80%	1.00%	14.20%	145	5.2
Western Digital Red 4 TB									
(WD40EFRX)	4TB		0.00%	2.97%	1.42%	0.00%	7.90%	45	18.5
All 4TB Drives		2.75%	1.88%	2.18%	2.10%				
Toshiba MD04ABA-V Series	T			2 2 4 2 4					
(MD04ABA500V)	5TB			3.84%	3.84%	0.10%	21.60%	45	7.0
All 5TB Drives				3.84%	3.84%				
Seagate 6 TB SATA 3.5	CTD		0.000/	2.000/	2.040/	1.000	2.000/	1 000	6.2
(ST6000DX000)	6ТВ		0.00%	2.90%	2.84%	1.60%	3.80%	1,882	6.2
Western Digital Red 6 TB	6ТВ		3.07%	5.73%	5.49%	3.20%	8.20%	458	9.4
(WD60EFRX)	010		3.0776	3.7370	3.7370	3.2070	0.2070	750	J.4
All 6TB		2.00%	3.64%	3.58%					
HGST Ultrastar He8	8TB			3.41%	3.41%	0.10%	19.10%	45	7.7
(HUH728080ALE600)	010			3.4170	3.4170	0.1076	15.1070	43	7.7
All 8TB			3.41%	3.41%					
All Drives		5.25%	6.36%	3.10%	4.81%				
All All	2	0.23/0	0.5070	3.20/0	1.01/0				

Source: What Can 49,056 Hard Drives Tell Us? Hard Drive Reliability Stats for Q3 2015, Backblaze (Oct. 14, 2015),

https://www.backblaze.com/blog/hard-drive-reliability-q3-2015.